

Revision Date: August 2002

INTRODUCTION

SECTION A-1

A-1 INTRODUCTION

A-1.1 BASIC FUNCTION

The Project and Resource Information System for Management (PRISM) provides for scheduling and reporting of project resources and costs. The system consists of the following modules:

- a) Detailed Project Schedule (PB2A) - Contains scheduling and financial data for all construction projects funded in BY-1 and BY, where BY designates a specific budget fiscal year. The data is at feature and contract level over the period from BY-1 through BY+9. PB-2A's are a part of all project cooperation agreements.
- b) Program Budget System (PBS) - Contains scheduling and financial data for development and defense of the annual and 10 year Civil Works program and budget request for the GI, CG, FUSRAP, and FC MR&T appropriations. The data is at study, project, and separable element level of detail.
- c) Schedule of Obligations and Expenditures (2101) - Provides for scheduling and reporting obligations and expenditures of funds by month for the current fiscal year for all direct Civil Works funds. The data is at study and project level of detail, except for Operation & Maintenance projects which are further broken out between operation and maintenance. Scheduled amounts for obligations and expenditures are compared against actual amounts from the CEEMIS 3011a database in order to measure division and district performance.
- d) Force Configuration (FORCON) – PRISM serves as a data repository for the FORCON system. FORCON is used to develop and analyze Civil Works FTE allocations to divisions and districts as well as to analyze total Civil Works workload trends. The data is at function and organization level of detail within each study and project.
- e) Civil Work Allowance System (CWAS) - Assists in developing and issuing work allowances, revocations, and reprogramming actions for the GI, CG, FC MR&T, and FUSRAP appropriations. Historical work allowance records are maintained for each study, project, and program.
- f) Environmental Program - Used to collect information requested by OMB concerning the environmental aspect of the Civil Works program.
- g) Continuing Authority Program – Contains funding schedules for Sections 107, 111, 103, 205, 14, 208, 1135, 204 and 206. The data is at stage level over the period from the current fiscal year (CFY) through CFY+4.

PRISM currently uses ORACLE 7.23, SQL Forms 3.0, and the UNIX operating system on the WPC21 Sun computer located at the Corps Western Processing Center in Portland, Oregon. The system consists of ~~134~~ 156 SQL*Forms, and ~~47~~ 63 report and utility programs using COBOL and SQR.

A-1.2 SCREEN COMPOSITION

The standard arrangement of the PRISM screens is as follows:

[SEE ILLUSTRATION ON FOLLOWING PAGE]

The first line (left to right):

The first field on this line contains the current date. To the right of the date and centered on the line is a short description of the function performed by the screen. Next is the version date in MMDDYY format which identifies the date of the latest changes made to the screen software. Attached to the end of the version date is the location of the screen software currently being used, followed by the database instance I.D. The location of the screen software currently being used will be either "D" for screens in the Development area, or a "P" for the Production version screens. The database instance I.D. will contain either "H" for the PRISM production database or "Z" for the PRISM test database. Finally, the rightmost field on the first line is the name of the current form.

Lines 3 through 22 are used for data. These lines will contain the fields on which the user may perform queries and updates.

Line 23 is the message line (in reverse video). This line will contain additional information about the current input field, warnings generated from the system and error messages generated by Oracle. If an error message related to Oracle should appear, then the user should press the **Shift F10** keys to display the details of the error and promptly call HQUSACE (CECW-BA) to inform someone of the problem. The details of the error displayed will greatly help in correcting the problem.

Line 24 is used by SQL*FORMS to display such information as the status during an operation in query mode. Starting from the left, the "Count:" followed by a number, represents the number of records queried from the buffer that contains the total records requested in the query selection. When all records have been queried an asterisk '*' will appear to the left of the record count. When the form has received one or more records in the buffer to query, the up and down arrow appears. The up and down arrows are visual aids to let the user know that pressing the up arrow will retrieve the previous record and pressing the down arrow will select the next record. If the query is at the first record, only the down arrow will appear. If the query is at the last record, only the up arrow will appear. If there is only one record currently in your buffer, the two indicators will not display. If the form is in the 'Enter Query' mode, no up or down arrows are displayed. Instead, the message 'Enter Query' is displayed to the right of the 'Count' information and the value of count is '*0'. On the right of line 24 is the "Replace/Insert" message, which changes when the insert key is pressed.

On the next page is an example of a typical PRISM screen.

A-1.2.1 PRISM SCREEN DEFINITION

CURRENT DATE	FORM DESCRIPTION	FORM DEV/PROD	DATA BASE DEV/PROD
25-APR-96	PBS BUDGET MAINTENANCE: SURVEY	046936PM	SURVEY
BY:1997 LUL:0 LPRJ:11111 EPOCH:2 APPM:A CCS:128		PUI:311111	SS1: SS2:
NAME:SAN JOAQUIN RIVER SYSTEM RES REOP			
STATUS:1 1997 PRIORITY: 6 MAJOR BENEFITS:32			
STATE:CA 187A PRIORITY: 6 FLOODPLAIN CAT:			
===== DATES =====		===== SURVEY FUNDING LEVELS =====	
FY FUNDS FIRST ALLOC: 1996	RECON N/A	COPY:0	
SCHEDULED COMPLETION DATES:		YEAR	
LAST TO CONGRESS:		FFYS	
CURRENT :31-JUL-1999	31-JUL-2002	1996	
===== COST ESTIMATES =====		1997	
FEDERAL ESTIMATE : 888	1288	1998	
NON-FEDERAL ESTIMATE : N/A	1288	1999	
TOTAL ESTIMATE : 888	2488	2000	
GRAND TOTAL	3288	2001	
===== CURRENT YEAR FUNDING =====		2002	
1996 BUDGET AMOUNT : 0		2003	
1996 CONFERENCE AMOUNT : 0		2004	
1996 SAVINGS & SLIPPAGE : 0		2005	
1996 OTHER ADJUSTMENTS : 0		2006	
1996 GRN AMOUNT : 0		BAL	
YOU MAY ENTER Pg-Dn TO LINK TO FED, OR Pg-Up TO ROLLUP PROJECT?			
Count: 6			

RECORD COUNT
^ = PREVIOUS RECORD
MESSAGE LINE
REPLACE/INSERT CHARACTER

v = MORE RECORDS